



Attorney's Docket No.: A00312.70418/SJH/MXS

GP/2121 a2
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jieming Qi
Serial No: 10/039,867
Filed: December 20, 2001
For: METHOD AND APPARATUS FOR USE IN BOOTH- ENCODED
MULTIPLICATION
Examiner: Not Yet Assigned
Art Unit: 2121

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on the 12 day of March, 2002.

Signature 

Commissioner For Patents
Washington, D.C. 20231

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MAR 27 2002

Sir:

Transmitted herewith is/are the following document(s):

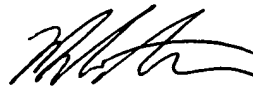
Technology Center 2100

- ☒ Information Disclosure Statement
- ☒ PTO Form 1449 with cited references
- ☒ Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

No fee is enclosed. If a fee is necessary, the Commissioner is hereby authorized to charge Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully submitted,
Jieming Qi, Applicant(s)



Mark Steinberg, Reg. No.: 40,829
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, Massachusetts 02210-2211
Attorneys for Applicant(s)

Docket No. A00312.70418/SJH/MXS
Date: March 12, 2002
xNDDx

PART III: Remarks

A copy of each of the above-identified information is enclosed unless otherwise indicated on the attached form PTO-1449 (modified). It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

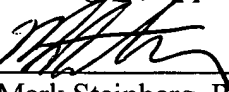
By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,
Jieming Oi, Applicant(s)

By: 

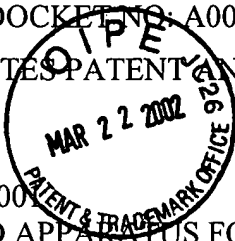
Mark Steinberg, Reg No. 40,829
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Boston, MA 02210
Telephone (617) 720-3500

Docket No. A00312.70418/SJH/MXS

Dated: xMarch 12 2002x

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The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on the 21st day of March, 2002.

Signature

Commissioner for Patents
Washington, D.C. 20231

STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98

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Technology Center 2100

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

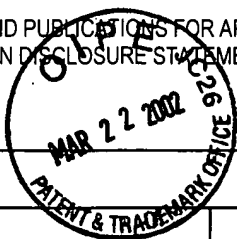
PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case. No fee or certification is required.

PART II: - Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

FORM PTO-1449(Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO.: A00312.70418/SJH/MXS	SERIAL NO.: 10/039,867
	APPLICANT: Jieming Qi	
	FILING DATE: December 20, 2001	GROUP: 2121

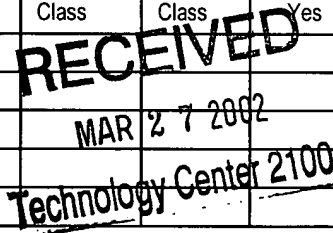


U.S. PATENT DOCUMENTS

Exam Init	Ref Des	Document No.	Date	Name	Class	Sub Class	FILING DATE If Appropriate

FOREIGN PATENT DOCUMENTS

		Country & Doc. No. (11)	Pub. Date (43)		Class	Sub Class	Translation Yes No



OTHER ART

(Including Author, Title, Date, Pertinent Pages, Publication, Etc.)

			Abut-Khater et al., "Circuit Techniques for CMOS Low-Power High Performance Multipliers", IEEE Journal of Solid-State Circuits, Vol. 31, No. 10, October 1996, pp. 1535-1546;
			Goto et al., "A 4.1-ns Compact 54 X 54-b Multiplier Utilizing Sign-Select Booth Encoders", "IEEE Journal of Solid-State Circuits, Vol. 32, No. 11 November 1997; pp. 1676-1681;
			Ohkubo et al., "A 4.4 ns CMOS 54 x 54-b Multiplier Using Pass-Transistor Multiplexer", IEEE Journal of Solid-State Circuits, Vol. 30, No. 3, March 1995, pp. 251-257;
			Yeh et al, "High-Speed Booth Encoded Parallel Multiplier Design" IEEE Transactions on Computers, Vol. 49, No. 7, July 2000, pp. 692-710

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.